

810 Invoice

Functional Group ID= **IN**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Notes:

- 1. This implementation convention was developed for use by the Federal Government for use in the initial stages of its electronic commerce/electronic data interchange (EC/EDI) program.*
- 2. Use this implementation convention to either make a request for a progress payment; to correct a previously submitted request for a progress payment; or to submit a request to withdraw without action a previously submitted request for payment.*
- 3. Use one iteration of this transaction set to make one request for a progress payment or to request a withdrawal, or to submit a corrected request for a progress payment.*
- 4. All amounts contained in a transmission are to be generated by the application program originating the data. No amounts will be calculated by the receiving application program. This means that if a line of data is the result of a calculation (e.g., add line " " and line " " together and carry the result of the addition on line " "), the amounts on all three lines must be carried in the transaction set.*
- 5. This implementation convention was initially based on converting the Standard Form (SF) 1443 Progress Payment to EDI.*

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BIG	Beginning Segment for Invoice	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	12		
Not Used	060	PER	Administrative Communications Contact	O	3		
LOOP ID - N1						200	
	070	N1	Name	O	1		
	080	N2	Additional Name Information	O	2		
	090	N3	Address Information	O	2		
	100	N4	Geographic Location	O	1		

810 Invoice (Progress Payment)

Not Used	110	REF	Reference Numbers	O	12	
	120	PER	Administrative Communications Contact	O	3	
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1	
	140	DTM	Date/Time Reference	O	10	
Not Used	150	FOB	F.O.B. Related Instructions	O	1	
Not Used	160	PID	Product/Item Description	O	200	
Not Used	170	MEA	Measurements	O	40	
Not Used	180	PWK	Paperwork	O	25	
Not Used	190	PKG	Marking, Packaging, Loading	O	25	
Not Used	200	L7	Tariff Reference	O	1	
Not Used	210	AT	Financial Accounting	O	>1	
Not Used	212	BAL	Balance Detail	O	2	n1
Not Used	213	INC	Installment Information	O	1	
LOOP ID - LM					10	
Not Used	220	LM	Code Source Information	O	1	
Not Used	230	LQ	Industry Code	M	100	
LOOP ID - N9					1	
Not Used	240	N9	Reference Number	O	1	
Not Used	250	MSG	Message Text	M	10	
LOOP ID - V1					>1	
Not Used	260	V1	Vessel Identification	O	1	
Not Used	270	R4	Port	O	>1	
Not Used	280	DTM	Date/Time Reference	O	>1	

Detail:

<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - IT1					200000	
	010	IT1	Baseline Item Data (Invoice)	O	1	
Not Used	012	CRC	Conditions Indicator	O	1	
Not Used	015	QTY	Quantity	O	5	n2
Not Used	020	CUR	Currency	O	1	
Not Used	030	IT3	Additional Item Data	O	5	
Not Used	040	TXI	Tax Information	O	10	
Not Used	050	CTP	Pricing Information	O	25	
Not Used	055	PAM	Period Amount	O	10	
Not Used	059	MEA	Measurements	O	40	
LOOP ID - PID					1000	
Not Used	060	PID	Product/Item Description	O	1	
Not Used	070	MEA	Measurements	O	10	
Not Used	080	PWK	Paperwork	O	25	
Not Used	090	PKG	Marking, Packaging, Loading	O	25	
Not Used	100	PO4	Item Physical Details	O	1	
Not Used	110	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
Not Used	120	REF	Reference Numbers	O	>1	

810 Invoice (Progress Payment)

Not Used	130	PER	Administrative Communications Contact	O	5
Not Used	140	SDQ	Destination Quantity	O	500
	150	DTM	Date/Time Reference	O	10
Not Used	160	CAD	Carrier Detail	O	>1
Not Used	170	L7	Tariff Reference	O	>1
Not Used	175	SR	Requested Service Schedule	O	1
LOOP ID - SAC					25
Not Used	180	SAC	Service, Promotion, Allowance, or Charge Information	O	1
Not Used	190	TXI	Tax Information	O	10
LOOP ID - SLN					1000
	200	SLN	Subline Item Detail	O	1
Not Used	210	REF	Reference Numbers	O	>1
Not Used	220	PID	Product/Item Description	O	1000
Not Used	230	SAC	Service, Promotion, Allowance, or Charge Information	O	25
Not Used	235	TC2	Commodity	O	2
Not Used	237	TXI	Tax Information	O	10
LOOP ID - N1					200
Not Used	240	N1	Name	O	1
Not Used	250	N2	Additional Name Information	O	2
Not Used	260	N3	Address Information	O	2
Not Used	270	N4	Geographic Location	O	1
Not Used	280	REF	Reference Numbers	O	12
Not Used	290	PER	Administrative Communications Contact	O	3
LOOP ID - LM					10
Not Used	300	LM	Code Source Information	O	1
Not Used	310	LQ	Industry Code	M	100
LOOP ID - V1					>1
Not Used	320	V1	Vessel Identification	O	1
Not Used	330	R4	Port	O	>1
Not Used	340	DTM	Date/Time Reference	O	>1

Summary:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
Must Use	010	TDS	Total Monetary Value Summary	M	1		
Not Used	020	TXI	Tax Information	O	10		
Not Used	030	CAD	Carrier Detail	O	1		
LOOP ID - SAC					25		
Not Used	040	SAC	Service, Promotion, Allowance, or Charge Information	O	1		
Not Used	050	TXI	Tax Information	O	10		
LOOP ID - ISS					>1		
Not Used	060	ISS	Invoice Shipment Summary	O	1		
Not Used	065	PID	Product/Item Description	O	1		

810 Invoice (Progress Payment)

Must Use	070	CTT	Transaction Totals	M	1	n3
Must Use	080	SE	Transaction Set Trailer	M	1	

Transaction Set Notes

1. The BAL segment is to be used only if the code in BIG07 indicates that the transaction is a ``Monthly Adjustment"or ``Special Handling Adjustment" invoice.
2. The QTY segment is used to specify a quantity of units which are expected as payments, e.g., trade -ins or returns.
3. Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use ST01	143	Transaction Set Identifier Code	M	ID 3/3
		Code uniquely identifying a Transaction Set		
		810 X12.2 Invoice		
		<i>Use of code 810 in this implementation convention indicates that the transaction set has been used to carry the data elements required in a request for progress payments.</i>		
Must Use ST02	329	Transaction Set Control Number	M	AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
		<i>This unique control number is assigned by the originator of the transaction set or by the originator's application program. The same number is carried in SE02.</i>		

Segment: **BIG** Beginning Segment for Invoice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Syntax Notes:

Semantic Notes:

- 1 BIG01 is the invoice issue date.
- 2 BIG03 is the date assigned by the purchaser to purchase order.
- 3 BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

Comments:

- 1 BIG07 is used only to further define the type of invoice when needed.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use BIG01	373	Date	M	DT 6/6
		Date (YYMMDD)		
		<i>The date of the request for progress payment, expressed in YYMMDD format. See Block 8B of Standard Form (SF) 1443.</i>		
Must Use BIG02	76	Invoice Number	M	AN 1/22
		Identifying number assigned by issuer		
		<i>A unique number assigned by the party requesting the progress payment. This number can be used in another transaction set to cross-reference back to this specific request for a progress payment. The unique number shall consist of at least three numeric characters. The total number shall not exceed four (4) alpha-numeric characters. The first three characters shall all be numeric starting with the number 001 for each new procurement action authorizing progress payments, and increasing by one number for each successive progress payment requested under the same contract action (e.g., 001, 002, etc.). The fourth position will always be an alpha character (e.g., A, B, etc.), and shall be used, as applicable, to represent a lot number. See Block 8A of SF1443.</i>		
Must Use BIG03	373	Date	O	DT 6/6
		Date (YYMMDD)		
		<i>The date of the purchase order (contract), expressed in YYMMDD format, under which the progress payment was authorized. See Blocks 7A and 7B of SF1443.</i>		
Must Use BIG04	324	Purchase Order Number	O	AN 1/22
		Identifying number for Purchase Order assigned by the orderer/purchaser		
		<i>The Procurement Instrument Identification Number (PIIN). Use to</i>		

indicate the thirteen (13) position alpha-numeric contract or purchase order number. Do not use spaces or dashes (--) between the characters. See Block 4 of the SF1443.

BIG05	328	Release Number	O AN 1/30
		Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	
		<i>Use, as applicable, to cite the four (4) alpha-numeric characters of a call or order number Supplemental Procurement Instrument Identification Number (SPIIN). Transmission of the call or order number is required if a call or order number is applicable to the procurement action. See Block 4 of the SF1443.</i>	
BIG06	327	Change Order Sequence Number	O AN 1/8
		Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	
		<i>May use to indicate a modification number to either the contract or purchase order, or a call or delivery order when made against an indefinite type of purchase instrument. The number may be a six-position alpha-numeric "P" or "A" modification number (e.g., P00001, A00001, etc.), or when made to an indefinite instrument, a two-position number (e.g., AA). See Block 4 of the SF1443.</i>	
Must Use BIG07	640	Transaction Type Code	O ID 2/2
		Code specifying the type of transaction	
		PA Progress Payment Invoice	
Must Use BIG08	353	Transaction Set Purpose Code	O ID 2/2
		Code identifying purpose of transaction set	
		00 Original	
		<i>Use to indicate the submission of the original request for progress payment.</i>	
		01 Cancellation	
		<i>Use to indicate a contractor generated withdrawal of previously submitted request for progress payment. Use only after the submission and receipt of the acknowledgment of receipt (by means of a 997 transaction set). Do not use when the originally submitted request for a progress payment was rejected.</i>	
		05 Replace	
		<i>Used to indicate a replacement invoice using the same invoice number as a previously submitted invoice. When used, the replacement invoice will overwrite the original invoice in the receiving data base.</i>	
		07 Duplicate	
		<i>Use to indicate a duplicate submission.</i>	

810 Invoice (Progress Payment)

Not Used	BIG09	306	Action Code Code indicating type of action Refer to 003050 Data Element Dictionary for acceptable code values.	O	ID	1/2
Not Used	BIG10	76	Invoice Number Identifying number assigned by issuer	O	AN	1/22

Segment:	CUR Currency
Position:	040
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	<ol style="list-style-type: none"> 1 If CUR08 is present, then CUR07 is required. 2 If CUR09 is present, then CUR07 is required. 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required. 4 If CUR11 is present, then CUR10 is required. 5 If CUR12 is present, then CUR10 is required. 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required. 7 If CUR14 is present, then CUR13 is required. 8 If CUR15 is present, then CUR13 is required. 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required. 10 If CUR17 is present, then CUR16 is required. 11 If CUR18 is present, then CUR16 is required. 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required. 13 If CUR20 is present, then CUR19 is required. 14 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	1 See Figures Appendix for examples detailing the use of the CUR segment.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use CUR01	98	Entity Identifier Code	M	ID 2/2
		Code identifying an organizational entity, a physical location, or an individual		
		BY Buying Party (Purchaser)		
		<i>Use to indicate that the award instrument authorizes payment in the currency cited in CUR02.</i>		
Must Use CUR02	100	Currency Code	M	ID 3/3
		Code (Standard ISO) for country in whose currency the charges are specified		
		<i>Use the appropriate code to specify the currency in which payment is requested.</i>		
CUR03	280	Exchange Rate	O	R 4/6
		Value to be used as a multiplier conversion factor to convert monetary value from one currency to another		
CUR04	98	Entity Identifier Code	O	ID 2/2
		Code identifying an organizational entity, a physical location, or an individual		

Refer to 003050 Data Element Dictionary for acceptable code values.		
CUR05	100	Currency Code O ID 3/3
Code (Standard ISO) for country in whose currency the charges are specified		
CUR06	669	Currency Market/Exchange Code O ID 3/3
Code identifying the market upon which the currency exchange rate is based		
Refer to 003050 Data Element Dictionary for acceptable code values.		
CUR07	374	Date/Time Qualifier X ID 3/3
Code specifying type of date or time, or both date and time		
Refer to 003050 Data Element Dictionary for acceptable code values.		
CUR08	373	Date O DT 6/6
Date (YYMMDD)		
CUR09	337	Time O TM 4/8
Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
CUR10	374	Date/Time Qualifier X ID 3/3
Code specifying type of date or time, or both date and time		
Refer to 003050 Data Element Dictionary for acceptable code values.		
CUR11	373	Date X DT 6/6
Date (YYMMDD)		
CUR12	337	Time X TM 4/8
Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
CUR13	374	Date/Time Qualifier X ID 3/3
Code specifying type of date or time, or both date and time		
Refer to 003050 Data Element Dictionary for acceptable code values.		
CUR14	373	Date X DT 6/6
Date (YYMMDD)		
CUR15	337	Time X TM 4/8
Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)		
CUR16	374	Date/Time Qualifier X ID 3/3
Code specifying type of date or time, or both date and time		

810 Invoice (Progress Payment)

Refer to 003050 Data Element Dictionary for acceptable code values.		
CUR17	373	Date X DT 6/6 Date (YYMMDD)
CUR18	337	Time X TM 4/8 Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)
CUR19	374	Date/Time Qualifier X ID 3/3 Code specifying type of date or time, or both date and time Refer to 003050 Data Element Dictionary for acceptable code values.
CUR20	373	Date X DT 6/6 Date (YYMMDD)
CUR21	337	Time X TM 4/8 Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Segment:	REF Reference Numbers
Position:	050
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	
Notes:	<p><i>1. Use, as applicable, to indicate a previous invoice number.</i></p> <p><i>2. Use only one occurrence of this segment, as applicable, to transmit a previous progress payment number in the context of the certification in the block below line 27 on the Standard Form (SF)1443, that "there are no encumbrances ... on previous progress payment request number ____".</i></p>

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
Must Use	REF01	128	Reference Number Qualifier	M ID 2/2
			Code qualifying the Reference Number.	
			C7 Contract Line Item Number	
			L6 Subcontract Line Item Number	
			A further subdivision of a contract line item number	
			PX Previous Invoice Number	
			<i>Use, as applicable, to cite a previous invoice number. See the blank space in the "certification" paragraph in SF1443.</i>	
Must Use	REF02	127	Reference Number	X AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment:	N1 Name
Position:	070
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<ol style="list-style-type: none"> 1. <i>There must be three iterations of this segment when transmitting an original or corrected request for progress payment. One iteration will indicate the contractor [the party transmitting the request for progress payment (e.g., N101 will cite either code 21 when the contractor is a small business, or code SE when other than a small business)]; one iteration will indicate the contracting office [the contract administration office (e.g., N101 will cite C4)]; and, one iteration indicating the paying office (e.g., N101 will cite code PR). The payment office address is not transmitted in a withdrawal of a previously submitted request for progress payment.</i> 2. <i>The name and address of the contractor will be transmitted as it appears in the contract against which the progress payment is being requested. Do not substitute any other name or address for the one that appears in the contract.</i>

Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code	M ID 2/2
			Code identifying an organizational entity, a physical location, or an individual	
			<i>Use this data element to indicate the contractor, the contract administration office and the paying office. See Blocks 1 and 2 of the Standard Form (SF) 1443.</i>	
		21	Small Business	
			<i>Use to indicate a contractor who is also a small business. Do not use when the contractor is other than a small business. In that case, use code SE.</i>	
		C4	Contract Administration Office	
			Established at either a contractor facility or in a geographic area, and responsible for administering on behalf of the buying activities that assigned contracts for administration and all contracts	

			awarded to either the specific contractor or all contractors in the geographic area	
			<i>Use to indicate the contract administration office.</i>	
	PE		Payee	
			<i>Use to indicate the party submitting the invoice.</i>	
	PK		Party to Receive Copy	
	PO		Party to Receive Invoice for Goods or Services	
			<i>Use to indicate the agency, organization, or activity that is to receive the electronic invoice.</i>	
	PR		Payer	
			<i>Use to indicate the paying office.</i>	
	RI		Remit To	
			<i>Use to indicate a specific remit-to address when multiple remit-to addresses were provided as a part of the trading partner registration process. Do not use when only a single remit-to address was provided as a part of the registration process.</i>	
	SE		Selling Party	
			<i>Use to indicate the contractor requesting the progress payment. Use only when the contractor is other than a small business. If the contractor is a small business, use code 21 instead.</i>	
N102	93	Name	X AN 1/35	
		Free-form name		
			<i>Use only when N101 cites either code SE or code 21 to provide the free-form text name of the contractor.</i>	
N103	66	Identification Code Qualifier	X ID 1/2	
		Code designating the system/method of code structure used for Identification Code (67)		
		1	D-U-N-S Number, Dun & Bradstreet	
			<i>Use to identify the DUNS number of the party in N101.</i>	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			<i>Use to indicate the transacting parties when DUNS+4 is appropriate.</i>	
		10	Department of Defense Activity Address Code (DODAAC)	
			<i>Use only for the DoDAACs of the paying office and contract administration office as provided in the contract. Use when N101 cites either code C4 or code PR.</i>	
		21	Health Industry I.D. Number (HIN)	

810 Invoice (Progress Payment)

		33	Commercial and Government Entity (CAGE) <i>Use to indicate the CAGE Code of the contractor. Use only when N101 cites either code SE or code 21.</i>			
		A2	Military Assistance Program Address Code (MAPAC) Contained in the Military Assistance Program Address Directory (MAPAD); represents the location of an entity <i>Use to indicate the MAPAC address.</i>			
		FA	Facility Identification <i>Use to identify the vendor facility that cannot be identified by either a DODAAC, CAGE, or DUNS number.</i>			
		FI	Federal Taxpayer's Identification Number <i>Use only if needed when receiving organization uses Taxpayer's Identification Number (TIN) to identify sender's address.</i>			
		ZZ	Mutually Defined <i>Use for a Vendor Identification Number.</i>			
	N104	67	Identification Code	X	AN	2/20
			Code identifying a party or other code			
Not Used	N105	706	Entity Relationship Code	O	ID	2/2
			Code describing entity relationship			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	N106	98	Entity Identifier Code	O	ID	2/2
			Code identifying an organizational entity, a physical location, or an individual			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

Segment: **N2** Additional Name Information
Position: 080
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

- Notes:**
1. Use this segment only when a name cannot be cited in the space allotted in the N1 (e.g., N102) segment.
 2. Use only when N101 cites either code SE or code 21. Do not use when N101 cites either code C4 or PR.

Data Element Summary

Ref.	Data			
Des.	Element	Name	<u>Attributes</u>	
Must Use N201	93	Name	M	AN 1/35
		Free-form name		
N202	93	Name	O	AN 1/35
		Free-form name		

Segment: **N3** Address Information
Position: 090
Loop: N1
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:

Notes: *1. Use this segment to transmit the address of the contractor, to include as applicable, a building or suite number. For example: 10 Main Street Suite 200.*
2. Use only when N101 cites either code SE or code 21. Do not use when N101 cites either code C4 or PR.

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use N301	166	Address Information	M	AN 1/35
		Address information		
N302	166	Address Information	O	AN 1/35
		Address information		

Segment:	N4 Geographic Location
Position:	100
Loop:	N1
Level:	Heading
Usage:	Optional
Max Use:	1
Purpose:	To specify the geographic place of the named party
Syntax Notes:	1 If N406 is present, then N405 is required.
Semantic Notes:	
Comments:	1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location. 2 N402 is required only if city name (N401) is in the USA or Canada.
Notes:	<i>Use only when N101 cites either code SE or code 21. Do not use when N101 cites either code C4 or code PR.</i>

Data Element Summary

Ref.	Data	Element	Name	Attributes
Must Use	N401	19	City Name Free-form text for city name	O AN 2/30
Must Use	N402	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency <i>Use codes as prescribed by Accredited Standards Committee (ASC) X12.</i>	O ID 2/2
Must Use	N403	116	Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O ID 3/11
	N404	26	Country Code Code identifying the country <i>Use to indicate the country code of the address of the party requesting the progress payment. Use only when that party is located at an address other than in the United States. Do not use if the address is in the United States.</i>	O ID 2/3
Not Used	N405	309	Location Qualifier Code identifying type of location Refer to 003050 Data Element Dictionary for acceptable code values.	X ID 1/2
Not Used	N406	310	Location Identifier Code which identifies a specific location	O AN 1/30

Segment: **PER** Administrative Communications Contact
Position: 120
Loop: N1
Level: Heading
Usage: Optional
Max Use: 3
Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: *Use code CE in original and correction requests for progress payments when N101 cites either code SE or code 21, to indicate the party making the certification. Do not use when N101 cites either code.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use PER01	366	Contact Function Code	M	ID 2/2
		Code identifying the major duty or responsibility of the person or group named		
		<i>Use to indicate the name of the contractor party who is certifying the contents of the request for progress payment. This is the party who "signed" the progress payment. See the certification block on the Standard Form (SF) 1443.</i>		
		CE	Certifier	
			<i>Use to indicate the contractor person who is making the certifications required in the SF1443; the person who is "signing" the request for progress payment.</i>	
		IC	Information Contact	
			<i>Use to indicate a general information point of contact; a person who can be contacted with questions about the request for progress payment.</i>	
Must Use PER02	93	Name	O	AN 1/35
		Free-form name		
		<i>Transmit the name as the last name, first name, middle initial. When the entire name is too long to transmit in this data element, transmit the entire last name and truncate the first name to its initial.</i>		
PER03	365	Communication Number Qualifier	X	ID 2/2
		Code identifying the type of communication number		
		<i>Use any code. A commercial telephone number is preferred. This data</i>		

element is mandatory if PER01 is code IC.

	PER04	364	Communication Number	X	AN	1/80	Refer to 003050 Data Element Dictionary for acceptable code values.
							Complete communications number including country or area code when applicable
Not Used	PER05	365	Communication Number Qualifier	X	ID	2/2	Code identifying the type of communication number
							Refer to 003050 Data Element Dictionary for acceptable code values.
Not Used	PER06	364	Communication Number	X	AN	1/80	Complete communications number including country or area code when applicable
Not Used	PER07	365	Communication Number Qualifier	X	ID	2/2	Code identifying the type of communication number
							Refer to 003050 Data Element Dictionary for acceptable code values.
Not Used	PER08	364	Communication Number	X	AN	1/80	Complete communications number including country or area code when applicable
Not Used	PER09	443	Contact Inquiry Reference	O	AN	1/20	Additional reference number or description to clarify a contact number

Segment:	ITD Terms of Sale/Deferred Terms of Sale
Position:	130
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify terms of sale
Syntax Notes:	<ol style="list-style-type: none"> 1 If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required. 2 If ITD08 is present, then at least one of ITD04 ITD05 or ITD13 is required. 3 If ITD09 is present, then at least one of ITD10 or ITD11 is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ITD15 is the percentage applied to a base amount used to determine a late payment charge.
Comments:	<ol style="list-style-type: none"> 1 If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.
Notes:	<i>Use to indicate the liquidation rate and progress payment rate. Use in original and resubmitted requests for progress payments. Do not use when withdrawing a previously submitted request for progress payment.</i>

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
ITD01	336	Terms Type Code	O ID 2/2
		Code identifying type of payment terms	
		<i>Use to indicate the progress payment and liquidation rates. See Blocks 6a and 6b on the Standard Form (SF) 1443. Transmit line 19 in first iteration of segment. When line 25 is present, transmit in the second iteration of segment.</i>	
	19	Liquidation	
		Term at which the progress will be liquidated before the final payment is made to the contractor	
		<i>Use to indicate the liquidation rate as established in the contract.</i>	
	20	Progress Payment	
		Term at which progress payments are authorized by the terms of the contract	
		<i>Use to indicate the progress payment rate as established in the contract.</i>	
Not Used	ITD02	333 Terms Basis Date Code	O ID 1/2
		Code identifying the beginning of the terms period	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	ITD03	338 Terms Discount Percent	O R 1/6
		Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	

This data element is an "R" type which means that there is no implied decimal point. Percents should be transmitted as follows: When ITD01 is code 20, only two decimal places are cited in the contract percent (e.g., the percent is 80%, 85%, 90%, etc.), transmit 80, 85, or 90. When ITD01 is code 19, three numbers (e.g., 87.5%, 91.3%, or 90.0%, etc.), transmit 875, 913, or 900. In the latter example, the trailing zeros are significant and shall be transmitted.

Not Used	ITD04	370	Terms Discount Due Date	X	DT	6/6	Terms discount due date
			Date payment is due if discount is to be earned				
	ITD05	351	Terms Discount Days Due	X	N0	1/3	Number of days in the terms discount period by which payment is due if terms discount is earned
			When ITD03 carries data, insert the number zero (0) in this data element to satisfy the Accredited Standards Committee (ASC) X12 rules of syntax.				
Not Used	ITD06	446	Terms Net Due Date	O	DT	6/6	Date when total invoice amount becomes due
Not Used	ITD07	386	Terms Net Days	O	N0	1/3	Number of days until total invoice amount is due (discount not applicable)
Not Used	ITD08	362	Terms Discount Amount	O	N2	1/10	Total amount of terms discount
Not Used	ITD09	388	Terms Deferred Due Date	O	DT	6/6	Date deferred payment or percent of invoice payable is due
Not Used	ITD10	389	Deferred Amount Due	X	N2	1/10	Deferred amount due for payment
Not Used	ITD11	342	Percent of Invoice Payable	X	R	1/5	Amount of invoice payable expressed in percent
Not Used	ITD12	352	Description	O	AN	1/80	A free-form description to clarify the related data elements and their content
Not Used	ITD13	765	Day of Month	X	N0	1/2	The numeric value of the day of the month between 1 and the maximum day of the month being referenced
Not Used	ITD14	107	Payment Method Code	O	ID	1/1	Code identifying type of payment procedures
			Refer to 003050 Data Element Dictionary for acceptable code values.				
Not Used	ITD15	954	Percent	O	R	1/10	Percentage expressed as a decimal

Segment:	DTM Date/Time Reference
Position:	140
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	10
Purpose:	To specify pertinent dates and times
Syntax Notes:	1 At least one of DTM02 DTM03 or DTM06 is required. 2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	1. Use in original and resubmitted requests for progress payments. Do not use when withdrawing a previously submitted request for progress payment. 2. Use to indicate the Section II date referred to as the "statement of costs under this contract through ____." Also use to indicate the date in the Certification block "from which there has been no materially adverse change in financial condition."

Data Element Summary

Ref.	Data	Element	Name	Attributes
Must Use	DTM01	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time	
		434	Statement	
			Date on which billing document was created	
			<i>Use to indicate the Section II [on Standard Form (SF) 1443] date referred to as the "statement of costs under this contract through ____" date. See Section II.</i>	
		458	Certification	
			Date of a document attesting to a fact	
			<i>Use to indicate the certification date from which there has been no materially adverse change in financial condition. See the Certification block on the SF1443.</i>	
Must Use	DTM02	373	Date	X DT 6/6
			Date (YYMMDD)	
Not Used	DTM03	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	

810 Invoice (Progress Payment)

Not Used	DTM04	623	Time Code	O	ID	2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow Refer to 003050 Data Element Dictionary for acceptable code values.			
	DTM05	624	Century	O	N0	2/2
			The first two characters in the designation of the year (CCYY)			
	DTM06	1250	Date Time Period Format Qualifier	X	ID	2/3
			Code indicating the date format, time format, or date and time format Refer to 003050 Data Element Dictionary for acceptable code values.			
	DTM07	1251	Date Time Period	X	AN	1/35
			Expression of a date, a time, or range of dates, times or dates and times			

Segment: **IT1** Baseline Item Data (Invoice)
Position: 010
Loop: IT1
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions

Syntax Notes:

- 1 If any of IT102 IT103 or IT104 is present, then all are required.
- 2 If either IT106 or IT107 is present, then the other is required.
- 3 If either IT108 or IT109 is present, then the other is required.
- 4 If either IT110 or IT111 is present, then the other is required.
- 5 If either IT112 or IT113 is present, then the other is required.
- 6 If either IT114 or IT115 is present, then the other is required.
- 7 If either IT116 or IT117 is present, then the other is required.
- 8 If either IT118 or IT119 is present, then the other is required.
- 9 If either IT120 or IT121 is present, then the other is required.
- 10 If either IT122 or IT123 is present, then the other is required.
- 11 If either IT124 or IT125 is present, then the other is required.

Semantic Notes: 1 IT101 is the purchase order line item identification.

Comments:

- 1 Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of ID's.
- 2 IT106 through IT125 provides for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.

Notes: *Use is required in all original and resubmitted requests for progress payment. Do not use in a withdrawal.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use IT101	350	Assigned Identification	O	AN 1/11
		Alphanumeric characters assigned for differentiation within a transaction set		
		<i>Use to indicate the number of the line [from the Standard Form (SF) 1443], for the dollar amount being transmitted. Transmit only amounts for the maximum balance eligible for progress payments (see line 19) or the maximum permissible progress payment (see line 25) on the SF1443. Transmit line 19 in first iteration of loop. When line 25 is present, transmit in the second iteration of loop. The maximum permissible progress payment line (line 25) is not always used.</i>		
Must Use IT102	358	Quantity Invoiced	X	R 1/10
		Number of units invoiced (supplier units)		
		<i>Cite the number 1 to satisfy Accredited Standards Committee (ASC) X12 syntax requirements.</i>		
Must Use IT103	355	Unit or Basis for Measurement Code	X	ID 2/2

Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

Must use to satisfy ASC X12 syntax requirements.

EA Each

Always use this code to satisfy ASC X12 syntax requirements.

Must Use	IT104	212	Unit Price	X	R	1/17
			Price per unit of product, service, commodity, etc.			
			Per agency guidance use to indicate the dollar amount of the line number cited in IT101.			
Not Used	IT105	639	Basis of Unit Price Code	O	ID	2/2
			Code identifying the type of unit price for an item			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
	IT106	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			EP Buyer's End Product Number			
	IT107	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
	IT108	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			VP Vendor's (Seller's) Part Number			
	IT109	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
Not Used	IT110	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	IT111	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
Not Used	IT112	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	IT113	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
Not Used	IT114	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
			Refer to 003050 Data Element Dictionary for acceptable code values.			

810 Invoice (Progress Payment)

Not Used	IT115	234	Product/Service ID	X	AN	1/40	
			Identifying number for a product or service				
Not Used	IT116	235	Product/Service ID Qualifier	X	ID	2/2	
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
			Refer to 003050 Data Element Dictionary for acceptable code values.				
Not Used	IT117	234	Product/Service ID	X	AN	1/40	
			Identifying number for a product or service				
Not Used	IT118	235	Product/Service ID Qualifier	X	ID	2/2	
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
			Refer to 003050 Data Element Dictionary for acceptable code values.				
Not Used	IT119	234	Product/Service ID	X	AN	1/40	
			Identifying number for a product or service				
Not Used	IT120	235	Product/Service ID Qualifier	X	ID	2/2	
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
			Refer to 003050 Data Element Dictionary for acceptable code values.				
Not Used	IT121	234	Product/Service ID	X	AN	1/40	
			Identifying number for a product or service				
Not Used	IT122	235	Product/Service ID Qualifier	X	ID	2/2	
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
			Refer to 003050 Data Element Dictionary for acceptable code values.				
Not Used	IT123	234	Product/Service ID	X	AN	1/40	
			Identifying number for a product or service				
Not Used	IT124	235	Product/Service ID Qualifier	X	ID	2/2	
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
			Refer to 003050 Data Element Dictionary for acceptable code values.				
Not Used	IT125	234	Product/Service ID	X	AN	1/40	
			Identifying number for a product or service				

Segment: **DTM** Date/Time Reference

Position: 150

Loop: IT1

Level: Detail

Usage: Optional

Max Use: 10

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.

2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		007 Effective	
	DTM02	373 Date	X DT 6/6
		Date (YYMMDD)	
Not Used	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	DTM05	624 Century	O N0 2/2
		The first two characters in the designation of the year (CCYY)	
	DTM06	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format	
		Refer to 003050 Data Element Dictionary for acceptable code values.	
	DTM07	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment:	SLN Subline Item Detail
Position:	200
Loop:	SLN
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify product subline detail item data
Syntax Notes:	<ol style="list-style-type: none"> 1 If SLN07 is present, then SLN06 is required. 2 If SLN08 is present, then SLN06 is required. 3 If either SLN09 or SLN10 is present, then the other is required. 4 If either SLN11 or SLN12 is present, then the other is required. 5 If either SLN13 or SLN14 is present, then the other is required. 6 If either SLN15 or SLN16 is present, then the other is required. 7 If either SLN17 or SLN18 is present, then the other is required. 8 If either SLN19 or SLN20 is present, then the other is required. 9 If either SLN21 or SLN22 is present, then the other is required. 10 If either SLN23 or SLN24 is present, then the other is required. 11 If either SLN25 or SLN26 is present, then the other is required. 12 If either SLN27 or SLN28 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 SLN01 is the identifying number for the subline item. 2 SLN02 is the identifying number for the subline level. The subline level is analogous to the level code used in a bill of materials. 3 SLN03 is the configuration code indicating the relationship of the subline item to the baseline item. 4 SLN08 is a code indicating the relationship of the price or amount to the associated segment.
Comments:	<ol style="list-style-type: none"> 1 See the Data Dictionary for a complete list of ID's. 2 SLN01 is related to (but not necessarily equivalent to) the baseline item number. Example: 1.1 or 1A might be used as a subline number to relate to baseline number 1. 3 SLN09 through SLN28 provide for ten (10) different product/service ID's for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.
Notes:	<i>Use in original and resubmitted requests for progress payments. Do not use when withdrawing a previously transmitted request for progress payment.</i>

Data Element Summary

Ref.	Data		
Des.	Element	Name	Attributes
Must Use SLN01	350	Assigned Identification	M AN 1/11
		Alphanumeric characters assigned for differentiation within a transaction set	
		<ol style="list-style-type: none"> 1. Use to indicate either the number 19 or the number 25 as it appeared in IT101. 2. Use when SLN01 cites the expression Accounting Classification Reference Number (ACRN), SLN02 must contain the actual 	

			Accounting Classification Reference Number and SLN06 will contain the amount charged to the ACRN.		
Must Use	SLN02	350	Assigned Identification	O AN 1/11	Alphanumeric characters assigned for differentiation within a transaction set
			Indicate the number of the line [on the Standard Form (SF) 1443] for which dollar amount is being transmitted. Use only the numbers 9 through 18 or the numbers 20 through 24.		
Must Use	SLN03	662	Relationship Code	M ID 1/1	Code indicating the relationship between entities
			Use only to satisfy the Accredited Standards Committee (ASC) X12 syntax requirements.		
			I	Included	
			Always use this code to satisfy the ASC X12 syntax requirements.		
Must Use	SLN04	380	Quantity	M R 1/15	Numeric value of quantity
			Cite the number 1 to satisfy the ASC X12 syntax requirements. Use to indicate when invoice cites the percentage of number of weeks applicable to the subline.		
Must Use	SLN05	355	Unit or Basis for Measurement Code	M ID 2/2	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
			Must use to satisfy the ASC X12 syntax requirements.		
			EA	Each	
			Always use this code to satisfy the ASC X12 syntax requirements.		
			P1	Percent	
			Use to indicate if SLN04 is a percentage.		
			WK	Week	
			Use to indicate if SLN04 is in weeks.		
Must Use	SLN06	212	Unit Price	X R 1/17	Price per unit of product, service, commodity, etc.
			Per agency guidance use to indicate the dollar amount of the line number cited in SLN01.		
Not Used	SLN07	639	Basis of Unit Price Code	O ID 2/2	Code identifying the type of unit price for an item
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	SLN08	662	Relationship Code	O ID 1/1	Code indicating the relationship between entities
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	SLN09	235	Product/Service ID Qualifier	X ID 2/2	

810 Invoice (Progress Payment)

			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	SLN10	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
Not Used	SLN11	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	SLN12	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
Not Used	SLN13	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	SLN14	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
Not Used	SLN15	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	SLN16	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
Not Used	SLN17	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	SLN18	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
Not Used	SLN19	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	SLN20	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			
Not Used	SLN21	235	Product/Service ID Qualifier	X	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234) Refer to 003050 Data Element Dictionary for acceptable code values.			
Not Used	SLN22	234	Product/Service ID	X	AN	1/40
			Identifying number for a product or service			

810 Invoice (Progress Payment)

Not Used	SLN23	235	Product/Service ID Qualifier	X	ID	2/2
Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Refer to 003050 Data Element Dictionary for acceptable code values.						
Not Used	SLN24	234	Product/Service ID	X	AN	1/40
Identifying number for a product or service						
Not Used	SLN25	235	Product/Service ID Qualifier	X	ID	2/2
Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Refer to 003050 Data Element Dictionary for acceptable code values.						
Not Used	SLN26	234	Product/Service ID	X	AN	1/40
Identifying number for a product or service						
Not Used	SLN27	235	Product/Service ID Qualifier	X	ID	2/2
Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
Refer to 003050 Data Element Dictionary for acceptable code values.						
Not Used	SLN28	234	Product/Service ID	X	AN	1/40
Identifying number for a product or service						

Segment: **TDS** Total Monetary Value Summary

Position: 010

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

Purpose: To specify the total invoice discounts and amounts

Syntax Notes:

Semantic Notes:

- 1 TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
- 2 TDS02 indicates the amount upon which the terms discount amount is calculated.
- 3 TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
- 4 TDS04 indicates the total amount of terms discount.

Comments:

- 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

Notes:

1. Use is required in all requests for progress payments. When submitting a withdrawal, use only the TDS01 data element to satisfy Accredited Standards Committee (ASC) X12 syntax requirements.

2. The data elements in this segment are N2 type. This means that any number transmitted will carry two implied decimal places. Thus, if the number transmitted is 100, it will be read as \$1.00 by the receiving application.

Data Element Summary

	Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	TDS01	610	Amount	M	N2 1/15
			Monetary amount		
			<i>Use in all requests for progress payments including withdrawals, to indicate the lesser amount of Block 19 or Block 25 (e.g., Block 26), on the Standard Form (SF) 1443.</i>		
Not Used	TDS02	610	Amount	O	N2 1/15
			Monetary amount		
Not Used	TDS03	610	Amount	O	N2 1/15
			Monetary amount		
	TDS04	610	Amount	O	N2 1/15
			Monetary amount		
			<i>Use to indicate the amount of the contract. See Block 5 of the SF1443. Use is required when transmitting an original request for progress payment. Use, as applicable, in changes to previously submitted requests for progress payments. Do not use when withdrawing a previously submitted request for a progress payment.</i>		

Segment: **CTT** Transaction Totals
Position: 070
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.
2 If either CTT05 or CTT06 is present, then the other is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CTT01	354	Number of Line Items		M N0 1/6
			Total number of line items in the transaction set		
			<i>Use to indicate the number of times the IT1 segment was used in the transaction set.</i>		
Not Used	CTT02	347	Hash Total		O R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.		
			Example:		
			-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.		
Not Used	CTT03	81	Weight		X R 1/10
			Numeric value of weight		
Not Used	CTT04	355	Unit or Basis for Measurement Code		X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 003050 Data Element Dictionary for acceptable code values.		
Not Used	CTT05	183	Volume		X R 1/8
			Value of volumetric measure		
Not Used	CTT06	355	Unit or Basis for Measurement Code		X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 003050 Data Element Dictionary for acceptable code values.		

810 Invoice (Progress Payment)

Not Used	CTT07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **SE** Transaction Set Trailer
Position: 080
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Syntax Notes:

Semantic Notes:

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use SE01	96	Number of Included Segments	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
Must Use SE02	329	Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
		<i>Cite the same number as the one carried in ST02.</i>	